

Product Datasheet

Donkey anti-Rat IgG (H+L) Secondary Antibody NBP1-72698

Unit Size: 2 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-72698**Donkey anti-Rat IgG (H+L) Secondary Antibody**

Product Information	
Unit Size	2 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description	
Description	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Donkey Serum, Rat IgG and Rat Serum.</p> <p>Store vial at 4C prior to opening. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.</p>
Host	Donkey
Species	Rat
Immunogen	Rat IgG whole molecule

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000
Application Notes	This product has been tested by ELISA and is suitable for use in ELISA, immunohistochemistry, and western blot. Specific conditions for reactivity should be optimized by the end user.

Images

Western Blot: Donkey anti-Rat IgG (H+L) Secondary Antibody [Unconjugated] [NBP1-72698] - Lane 1: Rat IgG whole molecule. Lane 2: Rat IgG F(c) Fragment. Lane 3: Rat IgG Fab Fragment. Lane 4: Rat IgM Whole Molecule. Lane 5: Rat Serum. All samples were reduced. Load: 50 ng per lane. Block: incubated with blocking buffer for 30 min at RT. Primary Antibody: Anti-Rat IgG (H&L) (DONKEY) Antibody (Min X Bv Ch Gt GP Ham Hs Hu Ms Rb & Sh Serum Proteins) 1:10,000 for 60 min at RT. Secondary Antibody: Anti-Donkey IgG (GOAT) Peroxidase Conjugated Antibody 1:40,000 in incubated with blocking buffer for 30 min at RT. Predicted/Observed Size: 25 and 55 kDa for Rat IgG and Serum, 25 kDa for F(c) and Fab, 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.



Publications

Zhang J, Li S, Xia Y et al. Melatonin alleviates 3,3',4,4',5-pentachlorobenzene induced colon injury by relieving oxidative stress Environmental toxicology 2023-08-20 [PMID: 37598416]

He Y, Li Z, Xu T Et al. Polystyrene nanoplastics deteriorate LPS-modulated duodenal permeability and inflammation in mice via ROS driven-NF-kB/NLRP3 pathway Chemosphere 2022-07-13 [PMID: 35830933] (IHC-P)

Chi Q, Xu T, He Y Et al. Polystyrene nanoparticle exposure supports ROS-NLRP3 axis-dependent DNA-NET to promote liver inflammation J Hazard Mater 2022-07-22 [PMID: 35868089] (IHC-P, ICC)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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